

**R603.8.3 High wind requirements.** Delete this section and all of its subsections in their entirety.

**TABLES R603.8.3.1(1) through R603.8.3.1(4), TABLES R603.8.3.2.1(1), TABLES R603.8.3.2.1(2), TABLE R603.8.3.2.2(1), TABLE R603.8.3.2.2(2) , TABLES R603.8.3.2.3(1), and TABLE R603.8.3.2.3(2).** Delete these tables in their entirety.

**FIGURE R603.8.3.2.3 WIND UPLIFT CONNECTOR.** Delete this figure in its entirety.

**FIGURE R606.10(2),** *Delete the existing title and replace with the following:* “Requirements for Reinforced Grouted Masonry Construction in Seismic Design Category C.”

**FIGURE R606.10(3),** *Amend the title to read as follows:* “REQUIREMENTS FOR REINFORCED MASONRY CONSTRUCTION IN SEISMIC DESIGN CATEGORIES D<sub>1</sub> AND D<sub>2</sub>.”

**R606.11 Seismic requirements.** Revise the phrase “...in Seismic Design Categories C and C<sub>ne</sub> to “...in Seismic Design Categories C, D<sub>1</sub> and D<sub>2</sub>.

**R606.11.1.1 Floor and roof diaphragm construction.** Revise the phrase “For Seismic Design Category C<sub>ne</sub>” to For Seismic Design Categories C, D<sub>1</sub> and D<sub>2</sub>.

**R606.11.2 Seismic Design Categories C and C<sub>ne</sub>.** Revise the title to read “Seismic Design Category C.” Revise the phrase “...in Seismic Design Category C and C<sub>ne</sub> shall...” to “...in Seismic Design Category C shall...”

**R606.11.3 Seismic Design Category D<sub>1</sub>.** Restore this section in its entirety:

**R606.11.3 Seismic Design Category D<sub>1</sub>.** Structures in Seismic Design Category D<sub>1</sub> shall comply with the requirements of Seismic Design Category C and the additional requirements of this section. Masonry structures in Seismic Design Category D<sub>1</sub> shall be limited in height to one story and 9 feet (2743 mm) between lateral supports.

**R606.11.3.1 Design requirements.** Masonry elements other than those covered by Section R606.11.2.1.2 shall be designed in accordance with the requirements of Chapter 7 of ACI 530/ASCE 5/TMS 402.

**R606.11.3.2 Minimum reinforcement requirements for masonry walls.** Masonry walls other than those covered by Section R606.11.2.1.3 shall be reinforced in both the vertical and the horizontal direction. The sum of the cross-sectional area of horizontal and vertical reinforcement shall be at least 0.002 times the gross cross-sectional area of the wall, and the minimum cross-sectional area in each direction shall be not less than 0.0007 times the gross cross-sectional area of the wall. Reinforcement shall be uniformly distributed. Table R606.11.3.2 provides the minimum reinforcing bar sizes required for varying thicknesses of masonry walls. The maximum spacing of reinforcement shall be 48 inches (1219 mm) provided that the walls are solidly grouted around all reinforced cavities and constructed of

hollow open-end units, hollow units laid in full head joints or two wythe of solid units. The maximum spacing of reinforcement shall be 24 inches (610 mm) for all other masonry.

**R606.11.3.2.1 Shear wall reinforcement requirements.** The maximum spacing of vertical and horizontal reinforcement shall be the smaller of one-third the length of the shear wall, one third the height of the shear wall (except crawl space foundation walls), or 48 inches (1219 mm). The minimum cross-sectional area of vertical reinforcement shall be one-third of the required shear reinforcement. Shear reinforcement shall be anchored around terminal vertical reinforcing bars with a standard hook.

**R606.11.3.3 Minimum reinforcement for masonry columns.** Lateral ties in masonry columns shall be spaced not more than 8 inches (203 mm) on center and shall be at least 3/8 inch (9.5 mm) diameter. Lateral ties shall be embedded in grout.

**R606.11.3.4 Material restrictions.** Type N mortar or masonry cement shall not be used as part of the lateral-force-resisting system.

**R606.11.3.5 Lateral tie anchorage.** Standard hooks for lateral ties anchorage shall be either a 135 – degree (2.4 rad) standard hook or a 180-degree (3.2 rad) standard hook.

**TABLE R606.11.3.2 MINIMUM DISTRIBUTED WALL REINFORCEMENT FOR BUILDINGS ASSIGNED TO SEISMIC DESIGN CATEGORY D<sub>1</sub>.** Restore this table in its entirety:

**TABLE R606.11.3.2  
MINIMUM DISTRIBUTED WALL REINFORCEMENT FOR BUILDINGS ASSIGNED TO  
SEISMIC DESIGN CATEGORY D<sub>1</sub>**

NOMINAL WALL THICKNESS (inches o.c.)	MINIMUM SUM OF THE VERTICAL AND HORIZONTAL REINFORCEMENT AREAS <sup>a</sup>	MINIMUM REINFORCEMENT AS DISTRIBUTED IN BOTH HORIZONTAL AND VERTICAL DIRECTIONS <sup>b</sup> (square inches per foot)	MINIMUM BAR SIZE FOR REINFORCEMENT SPACED AT 48 INCHES
6	0.135	0.047	#4
8	0.183	0.064	#5
10	0.231	0.081	#6
12	0.279	0.098	#6

For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm, 1 square inch per foot = 2.12 mm<sup>2</sup>/mm.

- Based on the minimum reinforcing ratio of 0.002 times the gross cross-sectional area of the wall.
- Based on the minimum reinforcing ratio each direction of 0.0007 times the gross cross-sectional area of the wall.

**R606.11.4 Seismic Design Category D<sub>2</sub>.** Restore these sections in their entirety:

## SECTION R607 – UNIT MASONRY

**R607.1.3 Masonry in Seismic Design Categories D<sub>1</sub> and D<sub>2</sub>.** Restore this section in its entirety:  
“Mortar for masonry serving as the lateral-force-resisting system in Seismic Design Categories D<sub>1</sub> and D<sub>2</sub> shall be Type M or S Portland cement-lime or mortar cement mortar.

## SECTION R611 – INSULATING CONCRETE FORM WALL CONSTRUCTION.

**TABLE R611.3 MINIMUM VERTICAL WALL REINFORCEMENT FOR FLAT ICF ABOVE-GRADE WALLS.** Delete the first column of the table with the heading “MAXIMUM WIND SPEED (mph).” Delete all rows of data for wind speeds of 100 mph through 130 mph. Delete unit conversion for miles per hour.

**TABLE R611.4(1) MINIMUM VERTICAL WALL REINFORCEMENT FOR WAFFLE-GRID ICF ABOVE-GRADE WALLS.** Delete the first column of the table with the heading “MAXIMUM WIND SPEED (mph).” Delete all rows of data for wind speeds of 100 mph through 130 mph. Delete unit conversion for miles per hour.

**TABLE R611.5 MINIMUM VERTICAL WALL REINFORCEMENT FOR SCREEN-GRID ICF ABOVE-GRADE WALLS.** Delete the first column of the table with the heading “MAXIMUM WIND SPEED (mph).” Delete all rows of data for wind speeds of 100 mph through 130 mph. Delete unit conversion for miles per hour.

**TABLE R611.7(2) THROUGH R611.7(6) MAXIMUM ALLOWABLE CLEAR SPANS FOR ICF LINTELS FOR FLAT AND SCREEN-GRID LOAD-BEARING WALLS.** Delete the column heading labeled “maximum ground snow load (psf),” and the row of numbers (30 and 70) below it. Delete all columns (4<sup>th</sup>, 6<sup>th</sup> and 8<sup>th</sup>) that applied to 70 psf ground snow loads. Delete unit conversions for pounds per square foot.

**TABLE R611.7(8). MAXIMUM PERCENTAGE OF SOLID WALL LENGTH ALONG EXTERIOR WALL LINES.** Delete the column heading labeled “Maximum wind speed (mph),” and the row of numbers (85 to 130) below it. Delete all columns under the wind speed heading except for those applicable to an 85 mph wind speed (3<sup>rd</sup> and 8<sup>th</sup>). Delete unit conversions for miles per hour.

**R611.7.1.4 Dwellings in Seismic Category C and C<sub>ne</sub>.** Revise title and text in this section to read “Seismic Category C.” Delete instances of “...and C<sub>ne</sub>.”

**SECTION R613 – EXTERIOR WINDOWS AND GLASS DOORS.** Delete this section in its entirety.

## CHAPTER 9 ROOF ASSEMBLIES

*Amend Chapter 9 by creating new, deleting or adding to various sections, as follows:*

### SECTION R905 – REQUIREMENTS FOR ROOF COVERINGS

**R905.2.6 Attachment.** Delete the exception and all three categories.

**R905.2.7.1 Ice protection.** Delete this section in its entirety.

**R905.2.7.2 Underlayment and high wind.** Delete this section in its entirety.

**R905.3.3.3 Underlayment in high wind.** Delete this section in its entirety.

**R905.3.7 Application.** Revise the sentence in the second paragraph (beginning on line 7); “...Clay and concrete roof tile attachment shall be in accordance with the manufacturer’s installation instructions where applied on buildings where the roof is located more than 40 feet (12 192 mm) above grade...”

**R905.3.8 Flashing.** Delete the last sentence of this section in its entirety.

**R905.4.3 Underlayment.** Delete this section in its entirety.

**R905.4.6 Flashing.** Delete last sentence of this section in its entirety.

**R905.5.3 Underlayment.** Delete this section in its entirety.

**R905.6.3 Underlayment.** Delete this section in its entirety.

**R905.7.1.1 Solid sheathing required.** Delete this section in its entirety.

**R905.7.3 Underlayment.** Delete this section in its entirety.

**R905.8.1.1 Solid sheathing required.** Delete this section in its entirety.

**R905.8.3 Underlayment.** Delete this section in its entirety.

## CHAPTER 25 PLUMBING SYSTEMS

**P2501.1 Kentucky State Plumbing Code.** “The provisions of this chapter and the Kentucky State Plumbing Code shall govern the erection, installation, alteration, repairs, relocation, replacement addition to, use or maintenance of plumbing equipment and systems. Plumbing systems and equipment shall be constructed, installed and maintained in accordance with the Kentucky State Plumbing code, including all fees and licensing requirements. Private Sewage disposal systems shall conform to 902 KAR 10:081 and 10:085.

**P2501.2 Anchorage to Water Heaters in Seismic Design Category C<sub>ne</sub>.** Revise all references from "Seismic Design Category C<sub>ne</sub>" to "Seismic Design Categories D<sub>1</sub> and D<sub>2</sub>" including the title.

## CHAPTER 26 SWIMMING POOLS

**P2601.1 General.** Swimming and bathing pools shall conform to the requirements of this section, provided that these regulations shall not be applicable to any such pool less than 24 inches (610 mm) deep or having a surface area less than 250 square feet (23.25 m<sup>2</sup>), except where such pools are permanently equipped with a water-recirculating system or involve structural materials. For the purpose of *this code*, pools are classified as private swimming pools or public swimming pools, as defined in Section 419.2 of the 2002 Kentucky Building Code. Materials and constructions used in swimming pools shall comply with the applicable requirements of *this code*.

**P2601.2 Definitions.** The following words and terms shall, for the purposes of this section and as used elsewhere in *this code*, have the meanings shown herein.

### **Pools, Swimming, Hot Tubs And Spas**

**Barrier.** A fence, a wall, a building wall, or combination thereof, which completely surrounds the swimming pool and obstructs access to the swimming pool.

**Hot Tub.** See definition of private swimming pool.

**In-Ground Pool.** See definition of private swimming pool.

**Power Safety Cover.** A pool cover, which is placed over the water area, and is opened and closed with a motorized mechanism, activated by a control switch.

**Private Swimming Pool.** Any structure that contains water over 24 inches (610 mm) deep and which is used, or intended to be used, for swimming or recreational bathing in connection with a home which is available only to the family and guests of the householder. This includes swimming pools constructed below grade on site, but not those assembled above grade on site.